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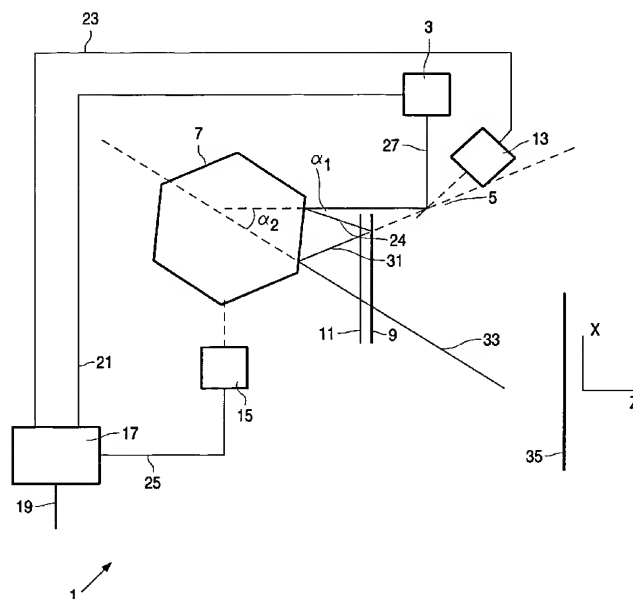
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(54) Title: PROJECTION SYSTEM WITH SCANNING DEVICE



(57) Abstract: A projection system is described for displaying image information, comprising an illumination system for generating a light beam, a scanning device comprising a mirror for scanning the generated light beam to form an image on a screen, and a scan angle enlarger cooperating with the scanning device for enlarging a scan angle of the generated light beam. The scan angle enlarger comprises a reflective polarizer, a quarter-wave plate and a mirror arranged to reflect the light beam at least once between the reflective polarizer and the mirror via the quarter-wave plate. This arrangement allows a compact assembly of the projection system for use in small portable devices such as mobile phones and PDAs.

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